

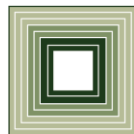
Government IT Initiatives

House Appropriations Subcommittee on Information Technology

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Fiscal Research Division



FISCAL RESEARCH DIVISION
A Staff Agency of the North Carolina General Assembly

Michigan Cyber Initiative

- Comprehensive Cybersecurity Program
- Three Parts
 - Defining Cybersecurity
 - Michigan's Cyber Threat Response
 - Michigan's Unique Cyber Industry Opportunity

Defining Cybersecurity

- Confidentiality
 - Ensuring private information in the ecosystem remains private
- Integrity
 - Ensuring that the information in the ecosystem is complete, whole, and defensibly sound
- Availability
 - Ensuring that the information in the ecosystem continues to be available to serve its purpose

Cyber Threat Response

- Prevention
- State and Local Governments
 - Center of excellence
 - First Chief Security Officer
 - Website: www.michigan.gov/cybersecurity
 - Interstate and federal-state coordination
- Early Detection and Rapid Response
 - Michigan Intelligence Operations Center
 - Michigan Cyber Command Center
- Control, Management, and Restoration
 - Michigan Cyber Defense Response Team
- Research
 - Private companies
 - Universities

The Michigan Cybersecurity Detection and Response System



Source: Michigan Cyber Initiative

Cyber Threat Response (continued)

- Research
 - Private companies
 - Universities
- Education and Public Awareness
 - Online Cyber Toolkit
 - Guides (home, business, government, school)
 - National Initiative for Cybersecurity Education (NICE)
 - Primary and Secondary Education in Online Safety
 - Secondary and Post-Secondary Education
 - College and University Research
 - Cyber Security Talent Development
- Collaboration and Partnerships
 - Cyber Threat Alert Network
 - Michigan Security Network

Cyber Industry Opportunity

- Cybersecurity Dynamics and Trends
- Cybersecurity Economic Development Strategy
 - Public-private cybersecurity partnerships
 - Partnering with federal authorities
 - Improve Michigan networks
- Entrepreneurial Support
 - Michigan Mentor Program
 - Michigan Small Business and Technology Development Center
 - Network of Smartzones and Business Incubators

Cyber Industry Opportunity (continued)

- Access to Capital – Pure Michigan Business Connect
 - \$3 billion public-private initiative
 - Matches people with resources
 - Other programs
- Michigan Defense Industry Assistance Center
 - Military backgrounds
 - Government contracting experience
 - Network of Michigan Procurement Technical Assistance Centers
- Product Beta Test Program
 - Deploy pre-release products in segments of state's IT infrastructure

NYPD DAS

- Domain Awareness System
 - Known as “the dashboard”
 - Instantaneously mines data
 - Arrest records
 - 911 calls
 - 3,000 security cameras citywide
 - License plate readers
 - Portable radiation detectors
 - Assembles it in an easy-to-use form
- Partnership with Microsoft
- NYC gets 30% of Microsoft sales of system

Questions

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